



TERAPRO® BASE RESIN

Commercial Product Data Sheet

Terapro Base Resin is a multi-component, fast curing, flexible PMMA resin for use in conjunction with reinforced Terapro Waterproofing Systems. Terapro Base Resin, when catalyzed, is combined with Pro Fleece to form the reinforced layer of Terapro and Terapro VTS Systems.

Contact Siplast for specific information on approved product uses.

USES: TERAPRO SYSTEM COMPONENT

Colors	Beige (#1013)	
Grade Options	Summer Grade Ambient Temperature: 59°F - 95°F (15°C - 35°C) Substrate Temperature: 59°F - 122°F (15°C - 50°C) Winter Grade Ambient Temperature: 23°F - 68°F (-5°C - 20°C) Substrate Temperature: 23°F - 77°F (-5°C - 25°C)	
Typical Set/Cure Times at 68°F (20°C)	Rainproof: 30 minutes Ready for Next Coat: 45 minutes Stress Resistant: 2 hours	
VOC Content	< 25 g/L (catalyzed) EPA test method 24	

PRODUCT INFORMATION

Application

Refer to the applicable Siplast Technical or Installers Guide for detailed application information, including application/coverage rates. Product must be catalyzed before use using Pro Catalyst Liquid. See mixing charts that are supplied with Pro Catalyst products.







Storage and Handling

Store indoors in well-ventilated, cool, dry area away from heat, open fire, ignition sources, direct sunlight, oxidizing agents, strong acids, and strong alkalis. Do not store below $32^{\circ}F$ ($0^{\circ}C$). Product may auto-polymerize at temperatures greater than $140^{\circ}F$ ($60^{\circ}C$). Store jobsite materials on pallets in shaded, well-ventilated area. Cover unshaded areas with reflective tarp that allows air circulation. Standard shelf life is 12 months; shelf life will be reduced when stored at temperatures above $77^{\circ}F$ ($25^{\circ}C$).

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

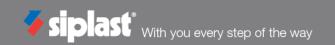
Packaging: 10 kg (22 lb) resealable metal drums Units Per Pallet: 60

Listings, Approvals, & Certifications



Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.

Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at www.siplast.com
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PHYSICAL PROPERTIES

Property (as Installed)	Values / Units	Test Method
Thickness (minimum)	84 mils (2.13 mm)	ASTM D5147 Section 5
Peak Load @ 73.4°F (23°C) (average)	65 lbf/inch (11.38 kN/m)	ASTM D5147 Section 6
Elongation @ Peak Load (average)	35%	ASTM D5147 Section 6
Tear Strength	90 lbf (0.4 kN)	ASTM D5147 Section 7
Water Absorption (Method I) (24h @ 73°F [23°C])	0.8%	ASTM D570
Water Absorption (Method II) (48h @ 122°F [50°C])	1.2%	ASTM D570
Water Vapor Transmission (incl. surfacing components)	0.011 perms	ASTM E96
Dimensional Stability (maximum)	0.15%	ASTM D5147 Section 10
Low Temperature Flexibility	23°F (-5°C)	ASTM D5147 Section 11
Hydrostatic Pressure Resistance	350 psi (2.4MPa)	ASTM D751

Values in this table (other than water vapor transmission) are based on minimum 84 mil (2.13 mm) thick reinforced Terapro Base Resin Membrane. This value excludes any primers, surface aggregate, or finish coats.